

Converting Colors

XYZ(66.4689, 85.2715, 61.6165)

Have a look what the booklet for
XYZ(66.4689, 85.2715, 61.6165)
contains.

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Color

**XYZ(66.4119, 85.3057,
61.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FDBE
RGB	193, 253, 190
RGB Percent	76%, 99%, 75%
CMY	0.2431, 0.0078, 0.2549
CMYK	0.24, 0.00, 0.25, 0.01
HSL	117°, 94%, 87%
HSV	117°, 25%, 99%
XYZ	66.4119, 85.3057, 61.6806
YIQ	227.8780, -15.5370, -32.3130

Conversions

Conversions Part 2

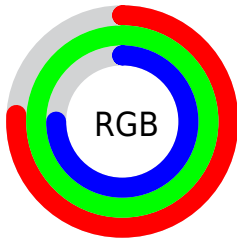
Format	Color
RYB	190, 253, 250
Decimal	12713406
CIELab	94.01, -30.52, 24.20
CIELCh	94, 38.946, 141.593
Yxy	85.3057, 0.3112, 0.3997
Android (android.graphics.Color)	4290903486 (0xFFC1FDBE)
YUV	227.8780, -18.6739, -30.5880
Hunter-Lab	92.3611, -33.2821, 25.0577

Details

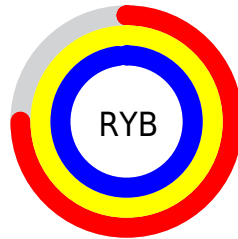
The XYZ color **66.4119, 85.3057, 61.6806** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.5710, 64.2452, 101.3504**, and the grayscale version is **73.7959, 77.6390, 84.5489**.

A 20% lighter version of the original color is **91.9728, 98.5594, 102.1721**, and **34.6651, 46.6607, 30.4719** is the 20% darker color. If you saturate the color by 10%, you get **58.2332, 81.3842, 48.0947**, and if you desaturate by 10%, it is **76.0759, 89.9424, 77.8452**.

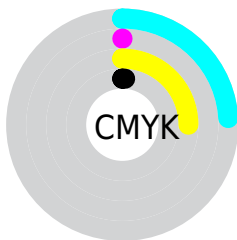
Distribution



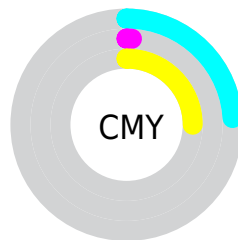
- Red (76%)
- Green (99%)
- Blue (75%)



- Red (75%)
- Yellow (99%)
- Blue (98%)



- Cyan (24%)
- Magenta (0%)
- Yellow (25%)
- Black (1%)




- Cyan (24%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4119, 85.3057, 61.6806 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 66.4119, 85.3057, 61.6806 by changing the saturation by 10% instead.


 66.4119, 85.3057,
61.6806

 66.4119, 85.3057,
61.6806


437.3140,
512.6391, 448.7405

 48.8758, 64.0940,
44.3405


 113.1318,
140.8002, 108.8309

 34.7351, 46.7268,
30.5992


143.0462,
175.8518, 139.4782

 23.6244, 32.8197,
20.0379


177.8176,
216.2855, 175.3984

 15.1785, 21.9884,
12.2383

217.8110,
262.4857, 217.0099

 9.0319, 13.8484,
6.7816

263.3921,
314.8367, 264.7313

 4.8193, 8.0153,
3.2496

314.9260,

 2.1753, 4.1047,

373.7230, 318.9812

1.2234

372.7782,
439.5290, 380.1781

■ 0.7297, 1.7323,
0.0000

■ 0.0000, 0.4445,
0.0000

■ 66.4119, 85.3057,
61.6806

■ 66.4119, 85.3057,
61.6806

■ 58.2332, 81.3842,
48.0947

■ 76.0759, 89.9424,
77.8452

■ 51.4600, 78.1321,
36.9489

■ 87.2867, 95.3160,
96.7061

■ 46.0149, 75.5153,
28.1003

■ 94.4169, 98.7339,
108.6890

■ 41.8108, 73.4922,
21.3890

■ 38.7496, 72.0162,
16.6344

■ 36.7191, 71.0339,
13.6262

■ 35.5835, 70.4809,
12.1061

■ 35.2792, 70.3324,
11.7161

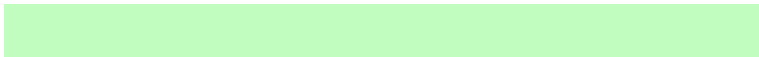
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9487, 85.3057, 49.1949



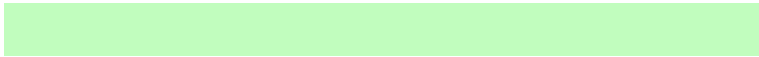
66.4119, 85.3057, 61.6806



62.8800, 85.3057, 84.7667

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4119, 85.3057, 61.6806



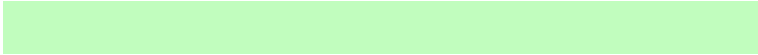
78.1945, 85.3057, 161.7567



101.1106, 85.3057, 73.3794

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.4119, 85.3057, 61.6806



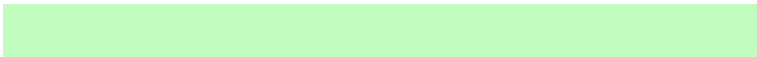
75.5710, 64.2452, 101.3504

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.4923, 85.3057, 101.5024



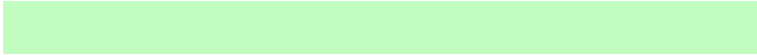
66.4119, 85.3057, 61.6806



88.6567, 85.3057, 156.8847

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4119, 85.3057, 61.6806



69.2921, 85.3057, 145.3170



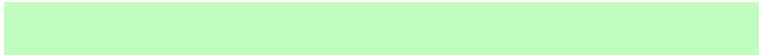
97.7641, 85.3057, 133.1540



94.1354, 85.3057, 54.8767

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4119, 85.3057, 61.6806



63.0429, 85.3057, 104.8614



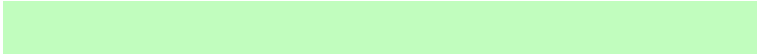
97.7641, 85.3057, 133.1540



102.2670, 85.3057, 81.8542

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.4141, 85.3093, 61.6825



86.3278, 95.8203, 94.1809



83.9450, 92.8826, 62.2203



18.3248, 20.4362, 19.9010



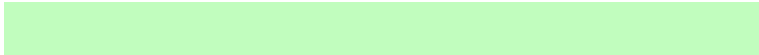
0.0000, 0.0000, 0.0000



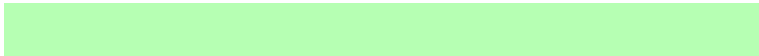
20.3446, 21.4041, 23.3091

Same Dimension

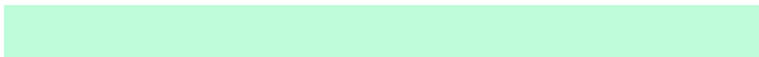
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4141, 85.3093, 61.6825



63.1711, 84.7168, 55.4057



69.0640, 86.2818, 79.5866



17.8515, 20.2094, 19.1043



18.7993, 37.4295, 6.2338



1.8573, 3.6582, 0.6082

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.5710, 64.2452, 101.3504



73.9830, 59.8360, 102.2579



72.4673, 63.1289, 79.3525



18.7022, 18.2537, 22.7876



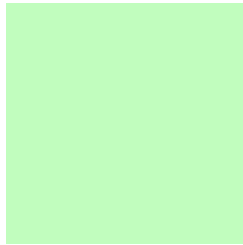
28.7574, 13.7355, 50.5701



2.8253, 1.3504, 4.9250

Previews

White Background



This preview shows how the XYZ color 66.4119, 85.3057, 61.6806 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 66.4119, 85.3057, 61.6806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

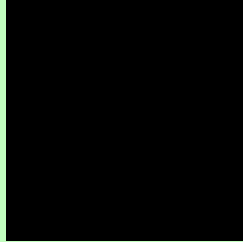
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

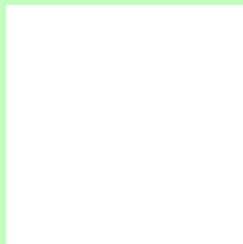
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4119, 85.3057, 61.6806

Background



This preview shows how black text looks on a background with the XYZ color 66.4119, 85.3057, 61.6806.



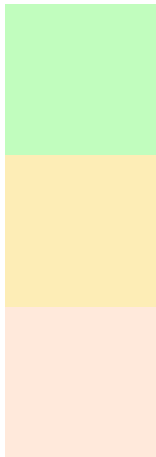
This preview shows how white text looks on a background with the XYZ color 66.4119, 85.3057,

61.6806.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.4119, 85.3057, 61.6806

Protanopia

79.2357, 84.8284, 56.4533

Deuteranopia

83.1651, 84.6523, 78.9741



Tritanopia

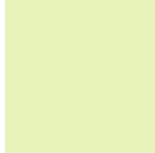
77.8242, 84.7295, 106.8604

Trichromacy



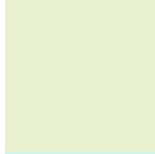
Original Color

66.4119, 85.3057, 61.6806



Protanomaly

73.7625, 84.5929, 58.3393



Deuteranomaly

75.8240, 84.0300, 71.8976



Tritanomaly

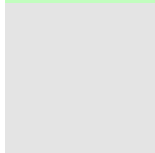
73.0886, 84.4842, 88.0562

Monochromacy



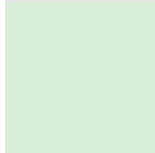
Original Color

66.4119, 85.3057, 61.6806



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.4461, 79.8705, 75.3220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4119, 85.3057, 61.6806 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(193, 253, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 253, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(193, 253, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 253, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.4119, 85.3057, 61.6806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 253, 190) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(193, 253, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(193, 253, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 253, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 253, 190);  
box-shadow:4px 4px 4px 4px rgb(193, 253,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4119, 85.3057, 61.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 253, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(193,  
253, 190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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